

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	225	181/213.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/25 13:00
L2	28	181/213.ccls. and helmholtz	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/25 13:00
S1	1	"2807931".pn. or "2002108810"	US-PGPUB; USPAT	ADJ	ON	2008/09/23 14:55
S2	1	"6530221".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/23 14:58
S3	2	("248053" "2807931" "211185" "108810" "5373695").pn.	US-PGPUB; USPAT	OR	ON	2008/09/23 15:05
S4	3	("248053" "2807931" "211185" "108810" "5373695").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 15:05
S6	5	"20040248053" "20040211185" "20020108810"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/23 15:06
S7	2	((GIACOMO) near2 (POLLAROLO)).INV.	US-PGPUB; USPAT	ADJ	ON	2008/09/23 15:08
S8	24	("2807931"   "3113634"   "3159238"   "4199936"   "4449607"   "4944362"   "5373695"   "5590849"   "5685157"   "5975238").PN. OR ("6530221").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:13
S9	29	("2881337"   "3850261"   "3978662"   "4012902"   "4077205"   "4305255"   "4944362"   "5081844"   "5141391").PN. OR ("5373695").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:18

S10	13	("3748852"   "3940721"   "4411616"   "5103931"   "5205326"   "5283398"   "5373695"   "5475189"   "6430933"   "6446454").PN. OR ("6634457").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:25
S11	7	("5373695"   "5685157"   "6464489").PN. OR ("6546729").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:29
S12	14	("3940721"   "4539947"   "4546733"   "5283398"   "5377629"   "5475189"   "5894823"   "6183211"   "6422192"   "6494290"   "6634457"   "6792907"   "7055484"   "7077093").PN. OR ("7337877").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:30
S13	14	("4538556"   "4539947"   "6105546"   "6192850"   "6422192"   "6494290"   "6609489"   "6732509"   "6758304"   "6848410").PN. OR ("7077093").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:34

S14	14	("4539947"   "4546733"   "5060271"   "5283398"   "5493080"   "5571239"   "6006859"   "6105546"   "6202409"   "6508331"   "6510920").PN. OR ("6732509").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 15:38
S15	189	60/725.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/23 15:43
S16	9	60/725.ccls. and thread \$3	US-PGPUB; USPAT	ADJ	ON	2008/09/23 15:43
S17	10	60/725.ccls. and thread \$5	US-PGPUB; USPAT	ADJ	ON	2008/09/23 15:43
S18	78	60/725.ccls. and (resonat\$3 or attenuat \$ or suppress\$) near5 (helmholtz or acoustic)	US-PGPUB; USPAT	ADJ	ON	2008/09/23 15:46
S19	10	helmholtz same thread \$4 and combust\$3	US-PGPUB; USPAT	ADJ	ON	2008/09/23 15:55
S20	25	("2807931"   "4044203"   "4490841"   "4784600"   "4801261"   "4909731"   "4934926"   "5169302"   "5211705"   "5233540"   "5249954"   "5299930"   "5373695"   "5428951"   "5431008"   "5575144"   "5676538"   "5719791"   "5784300"   "5784889").PN. OR ("6464489").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 16:05
S22	8	helmholtz same thread \$4 not S19	US-PGPUB; USPAT	ADJ	ON	2008/09/23 16:11
S23	1	"6351947".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/23 17:48

S24	1	("5373695").pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/23 17:52
S25	29	("2881337"   "3850261"   "3978662"   "4012902"   "4077205"   "4305255"   "4944362"   "5081844"   "5141391").PN. OR ("5373695").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 17:54
S26	29	("2881337"   "3850261"   "3978662"   "4012902"   "4077205"   "4305255"   "4944362"   "5081844"   "5141391").PN. OR ("5373695").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/23 18:05
S28	20	"60"/\$.ccls. and (resonat\$3 or attenuat \$ or suppress\$) near5 (helmholtz or acoustic or noise) same (purge or cool\$3) near2 (hole or orifice or aperture or opening or channel)	US-PGPUB; USPAT	ADJ	ON	2008/09/24 11:55
S29	51	(resonat\$3 or attenuat \$ or suppress\$) near5 (helmholtz or acoustic or noise) same (purge or cool\$3) near2 (hole or orifice or aperture or opening or channel)	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:01
S30	31	(resonat\$3 or attenuat \$ or suppress\$) near5 (helmholtz or acoustic or noise) same (purge or cool\$3) near2 (hole or orifice or aperture or opening or channel) not S28	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:01

S31	0	(resonat\$3 or attenuat\$ or suppress\$) near5 (helmholtz or acoustic or noise) same (assymetric\$3) near2 (hole or orifice or aperture or opening or channel)	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:07
S32	1	(resonat\$3 or attenuat\$ or suppress\$) near5 (helmholtz or acoustic or noise) same (asymmetric\$3) near2 (hole or orifice or aperture or opening or channel)	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:07
S33	265	431/114.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:13
S34	17	431/114.ccls. and thread\$4	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:13
S35	10	123/184.57.ccls. and thread\$4	US-PGPUB; USPAT	ADJ	ON	2008/09/24 12:15
S36	1775	helmholtz	EPO; JPO; DERWENT	ADJ	ON	2008/09/24 14:01
S37	174	helmholtz and combust\$3	EPO; JPO; DERWENT	ADJ	ON	2008/09/24 14:01
S38	38	helmholtz and combust\$3 and gas turbine	EPO; JPO; DERWENT	ADJ	ON	2008/09/24 14:01
S39	26	((helmholtz or (acoustic or noise) near (resonator or attenuator or damper))) and thread\$4	EPO; JPO; DERWENT	ADJ	ON	2008/09/24 14:08
S40	31	431/114.ccls. and helmholtz	US-PGPUB; USPAT	ADJ	ON	2008/09/24 15:30
S41	63	123/184.57.ccls. and helmholtz	US-PGPUB; USPAT	ADJ	ON	2008/09/24 15:40
S42	18	helmholtz same thread\$4	US-PGPUB; USPAT	ADJ	ON	2008/09/24 17:38

S43	23	("3370575"   "3491733"   "4932861"   "5002021"   "5040495"   "5044930"   "5373695"   "5377629"   "5479885"   "5571239"   "5572966"   "5628287"   "5644918"   "5839405"   "5957102"   "6106276"   "6155224"   "6196835").PN. OR ("6370879").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/09/25 11:20
-----	----	--	---------------------------	-----	----	---------------------

9/ 25/ 2008 1:39:17 PM

C:\ Documents and Settings\ anguyen2\ My Documents\ EAST\ Workspaces\ 10596497.wsp